

Flat Enamel

Interior

DESCRIPTION: Safecoat Flat is a premium quality, fast curing enamel designed for interior surfaces where a flat finish and superior film formation properties are needed. It is particularly well suited for areas in which the health of the occupants is a concern: schools, hospitals, homes, offices - anywhere people want to reduce their exposure to toxic chemicals. Safecoat paints have almost no odor during application and are odor free once cured. They contain no formaldehyde, ammonia, crystalline silica, or ethylene glycol.

USE ON: Walls, ceilings, wallboard, properly cured and primed plaster, masonry and primed metal.

PRODUCT NUMBER AND CONTAINER SIZE:

15211 (quart), 15111 (gallon) and 15311 (five gallon).

ADVANTAGES / SIGNIFICANT BENEFITS:

- Durable, flat finish.
- Safely used by and for the chemically sensitive.
- Low odor, non-offensive to installer and occupant.
- Fights indoor air pollution, seals in the outgassing from the substrate.
- Very low VOC content, meets or exceeds all federal and state air quality regulations, including California.

SURFACE PREPARATION: Careful surface preparation is the most important part of painting. Surfaces to be coated with Safecoat Flat should be sound and cleaned of dirt, grease and oil. Cleaning with an odorless, dye-free, all-purpose cleaner like **SafeChoice Super Clean** is recommended. Previously painted surfaces in poor condition should be scraped, sanded smooth, and primed with a coat of **Safecoat Transitional Primer**. Always test for adhesion over prior coatings (water based paints do not adhere well to oil based finishes without removal or careful surface preparation, for example). New wallboard or sheetrock should first be coated with **Safecoat New Wallboard Primecoat HPV**. Porous new wood should be sanded and primed with **Safecoat Transitional Primer**. Water and other stains must be blocked so they do not bleed through. The best finish will be achieved with a primer and two finish coats. Environmental conditions are crucial: if the air temperature is too hot or too cold, the product will not cure properly; if the air or the wood is too dry, or there is too much moisture in or on the surface, other problems may result. In addition, many surfaces contain water-soluble tannins or acids which are activated by the application of a water based product and will "bleed through" to the surface. All of these conditions can be avoided with proper preparation. Finally, Safecoat products are formulated to work together. Optimum results are best obtained by using a Safecoat primer, for example, before applying Safecoat paint. Of course, always read the application instructions before beginning the job.

APPLICATION: Always have adequate ventilation. The surface should be completely dry before application. Before using, stir well, then apply as is, using a high quality nylon or synthetic bristle brush or roller of appropriate nap (1/4"-3/8" nap recommended). Do not apply in thick films or load paint onto the surface; thin coats are better than one thick coat. For spraying, reduce with up to 1/2 pint of water per gallon. Use an airless sprayer, minimum 2000 p.s.i., with a .015-.017 tip. Use a 60 mesh filter. When spraying, do not substitute backrolling for a second coat. Always use a painter's mask when spraying.

COVERAGE: One gallon of Safecoat Flat covers approximately 350 square feet in one coat depending on surface porosity. Untreated drywall will require several coats.

CLEAN-UP: Clean tools and equipment while they are still wet with a solution of **SafeChoice Super Clean** and warm water.

DRYING/CURING TIME: Under normal conditions, Safecoat Flat dries to touch in one hour. Wait at least four hours before applying each additional coat - longer if rainy or high humidity conditions prevail. Normal conditions include a dry surface, access to fresh air flow, moderate humidity, and temperatures above 55°F. Thick application, high humidity or conditions other than normal will cause Safecoat to dry and cure more slowly.

COLORS: Safecoat Flat is available in bases which may be tinted to virtually any shade with a water-based tinting system available at most paint stores.

LIMITATIONS: Unlike conventional paints, Safecoat is made without formaldehyde preservatives. Do not contaminate. Store in airtight containers. Do not use when indoor or surface temperature is below 55°F.

HEALTH PRECAUTIONS: As with all coatings and stains, keep container tightly closed and out of the reach of children. Do not take internally. Keep from freezing. Always use adequate ventilation. If you are chemically sensitive, always test for personal tolerance.

LIMITED LIABILITY: The great variation between environmental factors, possible surfaces and application techniques, and the lack of control we have over such matters, must affect our policies. Safecoat products are guaranteed not to be defective when applied and used in accordance with instructions. However, liability, whether express or implied, is limited to replacement of product or refund of purchase price and cannot include liability for labor costs or consequential damages. Because of the variety of circumstances affecting each job, it is the user's responsibility to determine the suitability and safety of the product for any particular application. This limited warranty may not be modified or extended by manufacturer's representatives, distributors, or dealers of AFM products. **We particularly recommend that users always test in small inconspicuous areas before application to the entire surface.**